S Our land and 333.72 water, Phillips M26Lw36 County 1960?

YAARBIJ STATS ANATNOM

TO CORET BY WISS MILE SECTION

WISS STATEMENT STATEME

C. 1/1 LAMO 3118 MATER STATE COMPTENTS COLLECTION JUN 1. 1 1992

IN PHILLIPS COUNTY THERE ARE 3,345,754 Acres

THE AREA OF FLUERAL LAND IS 1,326,694 Acres

TOLMS, ROADD, MATER, AREAD TOTAL 24,245

THIS LEAVES A CONSERVATION RESPONSIBILITY ON

Phillips Co. - Montana

Page 1

LAND USE TODAY AND EXPECTED BY 1975

| CROPLAND (Acres) | Dryland Janu | ary 1, 1960 256,848 | 1975 275 , 617 | 18,769 acre increase in dry cropland anticipated, primarily from better range |
|---------------------------------|--|---------------------------------|--------------------------|--|
| | Irrigated Total | <u>45,231</u> <u>302,079</u> | 66,964 342,581 | lands. Irrigated cropland will increase nearly 50%. New water supplies will be developed; also enlargement of present systems will continue, from woodland or native grasslands primarily. |
| GRASSLAND (Acres) | Rangeland (includes irrigated native) | 1,629,766 | 1,606,941 | Native rangeland will decrease about 2% as cropland (both dry and irrigated) increases. Tame pastures will decrese |
| | Tame Pasture Total | 51,124 1,680,890 | 48,361 1,650,302 | less than 2%. Irrigated pastures will increse but dryland pastures will diminish & go to dry cropland. |
| WOODLAND | | 6,000 | 5,624 | Woodland will continue to decrease as more acres come under irrigation development. |
| OTHER Roads, To Areas, et | wns, Water c. | 5,846 | 6,323 | Urbanization, new & wider roads, etc. will increase 8%. Much of this will come from better land classes. |
| Т | OTAL (excluding Fe | deral lands) 1,994,815 | 2,004,830 | *12,000 acres will come from public lands into use and 1985 will go out of agricultural use. |

WATERSHED INVENTORY

WHAT WAS DONE:

Disregarding county or other political divisions, the natural drainages were divided into units of 250,000 acres or less. See page one (county map) as delineated by dashed lines. Each unit was considered by the committee to determine treatment needs and possible developments which might be met through the small watershed program or by other kinds of local group action.

WHAT IS REVEALED:

Watersheds which drain into the Missouri River are primarily all public grass-land except those which originate in the Little Rocky Mountains. Public land is being considered for treatment (by BLM) of natural erosion or erosion being accelerated by inadequate grass cover. Other watersheds empty into the Milk River or Beaver Creek. Some of these, such as Whitewater Creek, arise in Canada and have an erosion potential, primarily to grazing or hayland but are difficult to control. Beaver Creek has a watershed potential for development and has been considered by the Bureau of Reclamation and local people several times. Saco has been protected from Beaver Creek by a levee constructed by Corps of Engineers. The Frenchman Creek Valley has some flood damage potential but unless the numerous structures, such as irrigation dams in Canada, fail it would not be a big threat. Early project action is not likely. Individual or small group action will be slow due to cost, water rights, etc. As town populations and property as well as number of farms likely to be damaged be small watersheds runoffs are low, action will be slow.

WHY CONSERVATION MEEDS INVENTIONY WAS MADE

Our land and water resources are not inexhaustible. They must be cared for and used wisely so that their productiveness will continue. To assure their wise use we need basic facts about physical problems of conservation, their magnitude and relative urgency. This inventory contains basic facts and will be modified and kept current with advances in technology and increased knowledge.

HOW IT WAS MADE AND WHO MADE IT

It was authorized by the Secretary of Agriculture as part of a nationwide inventory. It is based upon soil surveys of 150 acre samples selected at random. These samples were expended to represent the entire (not federal land) in the county. The county committee selected to use the information and enlarge on it was composed of representatives of the U. S. Department of Agriculture (ASC, Extension Service, SCS, FHA) plus all other groups and agencies concerned, such as Phillips Soil and Water Conservation District, BLM, Bureau of Reclamation, Fish and Wildlife Service, Montana Fish and Game who assisted voluntarily. Basic soil survey data was provided by the Soil Conservation Service

LAND CLASSES - WHAT THEY ARE

Very good land. High potential for all uses. No limitations Good land. Minor limitations or hazards under use. Suitable

For

I. Very good land. might possess.

II. Good land. Minor limitations or hazards under use.

III. Moderately good land with major limitations due to climate, Cropland Uses

continously.

Suitable V. Land impractical to till. Too wet, rocky, etc. Some grazing For limitations.

Pasture VI. Good grazing or forest land. Limited by slope, depth, rainfall, etc. or Woodland

VII. Limited use for grazing, timber, etc. due to hazards, etc.

Suitable VIII Limited specialized uses due to location, hazard, municipal For water need, etc.

Wildlife Or

Watershed

THE PROBLEMS THAT NEED TREATMENT IN 1975

DRY CROPLAND 275,617 Acres

Adequately treated...120.331 acres 44% Needing treatment....155,286 acres 56%

Treatment needed because:

a. Erosion is dominant problem-96,657 a.b. Climatic conditions are the dominant problem-83,902 a.

IRRIGATED CROPLAND 66,964 Acres

Adequately treated...17,328 acres 26% Needing treatment ... 17, 36 acres 74%

Treatment negaci because:

a. Erosi n is dominant problem-14,669 acres.

e. fxc-ss water is a problem-8.000 acres.

Unraworable soil conditions-2t,967 acres.

GRASSLAND (Range, Pasture, and Arrigat a Mative

1.552.302 Acres Liequa Fly treate....71. 7 acres MW. Weering treatment....1. 7.223 acres 90%

a. There misses it.s='n.in. abres
t. Improvement of maintaine coven-56. O acres
c. Twicks water on clem-1.0 or a mes

1. Well water number vation-67,267 acres

Needs protection from:

- e. Overgrazing (water, less use etc.)-446,000 acres f. Enroachment of plants-7,500 acres
- g. Insects and diseases-150,000 acres

WOODLAND 5,624 Acres

Adequately treated...O Acres Needs treatment.....5624 Acres 100%

Treatment needed for:

- a. Improvement of stand-300 acres.
 b. Fire protection-5,224 acres.
 c. Inscets and dis ase-5,624 acres.
 d. Establishing windbreaks and belts-400 acres.
- e. Animals-5,624 acres.

CHANGES IN USE OF CLASSES OF LIND

| | | 2016 | | CHANG | REO IN OSI | E OF CLASSES | | | | | |
|-----|--|--|--|-----------------------------------|-------------------------------|--|---|--|----------|---------|--------------------------|
| | FF | ROM: | | ~ | | | TO: | | | | |
| | | 1960 | | Changes | in land | class use by | | | | | |
| | Land | | CROPI | | | GRASSLAND | WOODLAND | OTHER | OUT OF A | IGR. US | SE |
| | Class | TDD GROFF | Irrig. | Dryland | Pasture | Rangeland | | | | | |
| I | | 11,153 | 11,113 | | | | | | | 4 | 10 |
| I. | | 5,587 | 5,587 | | | | | | | | |
| | II | 4,798 | 4,660 | ~ | | | | 138 | | | |
| | | 5,362 | 4,912 | | 250 | | | 200 | | | |
| | | 101 | 1,012 | | | | | 200 | | - | |
| Ţ | | 17,890 | | | 163 | | | | | - | |
| ٧. | | | 17,677 | | | | | 50 | | • | |
| | | 340 | 340 | | 426 | *** | | | | | |
| - | วบก 🗓 | 45,231 | 44,390 | | 413 | | | 388 | | 4 | 40 |
| 17. | RY CRO | PLAND | | | | | | | | | |
| | | 143,947 | 955 | 139,627 | 3,115 | | | | | 25 | 50 |
| | - | 36,191 | | 34,640 | 1,551 | | | | | | |
| 7- | T. | 75,382 | 1,000 | 73,382 | 1,500 | 500 | | | | | |
| ~ y | | 1,328 | | 1,328 | | ~- | | | | | |
| | | 256,848 | | - | | | | | | | 250 |
| | | | 1,955 | 248,977 | 6,166 | 500 | | | | 4 | 250 |
| | TE PA | STURE | | | | | | | | | |
| | 1 | 13,851 | | 1,596 | 6,890 | 10,365 | | | | - | |
| | | 31,638 | | 1,500 | 20,188 | | | | | - | |
| Τ. | _ | 10,505 | | | 10,585 | | | ~~ | | - | |
| | 2 | 51,124 | | | | 10,365 | | | | | |
| | | , | | , , , , , | .,, | 20,000 | | | | | |
| | | | | | | | | | | | |
| P | r Juli | -TD (-rc] | | | 4 | | | | | | |
| | | in (Ircl | ٠ | | i | 11 000 | (Acres into | inventor | , from I | 2111) | |
| | | Intivo) | | | i | | (Acres into | inventor | y from H | BLM) | |
| | | 1 (tivo) 67 | | 700 | | 67 | (Acres into | inventor | y from H | | |
| | ni i m | 7 (tivo) 67 1,395 | | 700 | | 67 395 | (Acres into | | y from I | | |
| | | 07 1,095 200,954 | 8,983 | 700 19,066 | 3,519 | 67 395 261,786 | (Acres into | | y from H | 60 | 00 |
| | nily. | 07 1,095 205,954 218,933 | 8,983 6,260 | 700 19,066 3,278 | 3,519 600 | 67 395 261,786 208,766 | (Acres into | | y from H | 60 | 00 |
| | | 07 1,095 200,954 218,933 11,006 | 8,983 6,260 | 700 19,066 3,278 | 3,519 | 67 395 261,786 208,766 10,006 | (Acres into | | y from H | 60 | 00 00 |
| | | 77 tivo) 67 1,095 200,954 218,933 11,006 | 8,983 6,260 5,000 | 700 19,066 3,278 500 | 3,519 600 | 67 395 261,786 208,766 10,006 856,779 | (Acres into | 89 | y from I | 1,00 | 00 00 35 |
| | | 7/tivo) 07 1,095 200,954 218,923 11,006 200,011 | 8,983 6,260 5,000 | 700 19,066 3,278 500 | 3,519 600 | 67 395 261,786 208,766 10,006 856,779 242,887 | (Acres into | 89 | y from I | 1,00 | 00 00 35 60 |
| | | 77 tivo) 67 1,095 200,954 218,933 11,006 | 8,983 6,260 5,000 | 700 19,066 3,278 500 | 3,519 600 | 67 395 261,786 208,766 10,006 856,779 | (Acres into | 89 | y from I | 1,00 | 00 00 35 60 |
| | nig. | 1,095 200,954 218,923 11,006 200,011 112,847 629,766 | 8,983 6,260 5,000 | 700 19,066 3,278 500 | 3,519 600 | 67 395 261,786 208,766 10,006 856,779 242,887 | (Acres into | 89 | y from H | 1,00 | 00 00 35 60 |
| | erin, El 11. | 7 (ALL) | 8,983 6,260 5,000 20,243 | 700 19,066 3,278 500 | 3,519 600 | 67 395 261,786 208,766 10,006 856,779 242,887 | | 89 | y from H | 1,00 | 00 00 35 60 |
| | nig. | 7 (ALL) 1005 1005 200,954 218,933 11,006 200,011 112,547 629,766 | 8,983 6,260 5,007 20,243 | 700 19,066 3,278 500 | 3,519 600 | 67 395 261,786 208,766 10,006 856,779 242,887 | 4 | 89 | y from H | 1,00 | 00 00 35 60 |
| | erin, El 11. | 7 (ALL) | 8,983 6,260 5,000 20,243 | 700 19,066 3,278 500 | 3,519 600 | 67 395 261,786 208,766 10,006 856,779 242,887 | | 89 | y from H | 1,00 | 00 00 35 60 |
| | erin, El 11. | 7 (ALL) 1005 1005 200,954 218,933 11,006 200,011 112,547 629,766 | 8,983 6,260 5,007 20,243 | 700 19,066 3,278 500 | 3,519 600 | 67 395 261,786 208,766 10,006 856,779 242,887 | 4 | 89 | y from I | 1,00 | 00 00 35 60 |
| | erin, El 11. | 7 (ALL) 1025 1025 205,954 218,923 11,006 202,011 112,847 629,766 | 8,983 6,260 5,000 20,243 | 700 19,066 3,278 500 | 3,519 600 | 67 395 261,786 208,766 10,006 856,779 242,887 | | 89 | y from I | 1,00 | 00 00 35 60 |
| | min Al, IAN | 105ino) 67 1,095 200,954 218,923 11,006 200,011 112,847 629,766 ID (ALL) 162 418 5,370 50 | 8,983 6,260 5,000 20,243 | 700 19,066 3,278 500 | 3,519 600 | 67 395 261,786 208,766 10,006 856,779 242,887 | 4 200 5,370 50 | 89 | y from I | 1,00 | 00 00 35 60 |
| | min Al, IAN | 7 (ALL) 162 418 5,370 | 8,983 6,260 5,000 20,243 | 700 19,066 3,278 500 23,544 | 3,519 600 | 67 395 261,786 208,766 10,006 856,779 242,887 | 5,370 | 89 | y from I | 1,00 | 00 00 35 60 |
| | nilo, All, IAN | 105ivo) 67 1,095 200,954 218,933 11,006 200,011 112,547 629,766 ID (ALL) 162 418 5,370 50 6,000 | 8,983 6,260 5,000 20,243 | 700 19,066 3,278 500 23,544 | 3,519 600 | 67 395 261,786 208,766 10,006 856,779 242,887 | 4 200 5,370 50 | 89 | y from I | 1,00 | 00 00 35 60 |
| | TAIL TAIL TAIL TAIL TAIL TAIL TAIL TAIL | 105ivo) 67 1095 200,954 218,933 11,006 202,011 112,847 629,766 ID (ALL) 162 418 5,370 50 6,000 Foads, | 8,983 6,260 5,000 20,243 158 218 376 | 700 19,066 3,278 500 23,544 | 3,519 600 | 67 395 261,786 208,766 10,006 856,779 242,887 | 4 200 5,370 50 | 89 | y from I | 1,00 | 00 00 35 60 |
| | TAIL TAIL TAIL TAIL TAIL TAIL TAIL TAIL | 7:5ivo) 67 1,095 200,954 218,933 11,006 803,011 612,547 629,766 ID (ALL) 162 418 5,370 50 6,000 Foads, Water, e | 8,983 6,260 5,000 20,243 158 218 376 | 700 19,066 3,278 500 23,544 | 3,519 600 | 67 395 261,786 208,766 10,006 856,779 242,887 | 4 200 5,370 50 | 89 89 | y from I | 1,00 | 00 00 35 60 |
| | TAIL TAIL TAIL TAIL TAIL TAIL TAIL TAIL | 7 (ALL) 162 418 5,370 50 6,000 Eoads, Water, et 2,183 | 8,983 6,260 5,000 20,243 158 218 376 | 700 19,066 3,278 500 23,544 | 3,519 600 | 67 395 261,786 208,766 10,006 856,779 242,887 | 4 200 5,370 50 | 89 89 2,183 | y from I | 1,00 | 00 00 35 60 |
| | TAIL TAIL TAIL TAIL TAIL TAIL TAIL TAIL | 7 1,095 200,954 218,923 11,006 202,011 112,847 629,766 ID (ALL) 162 418 5,370 50 6,000 Foads, Water, et 2,183 3,018 | 8,983 6,260 5,000 20,243 158 218 376 | 700 19,066 3,278 500 23,544 | 3,519 600 | 67 395 261,786 208,766 10,006 856,779 242,887 | 4 200 5,370 50 | 89 89 89 | y from H | 1,00 | 00 00 35 60 |
| | TAIL ALL ALL ALL ALL ALL ALL ALL | 7 (1,095) 205,954 218,923 11,006 202,011 112,847 629,766 ED (ALL) 162 418 5,370 50 6,000 EDads, Water, et 2,183 3,018 520 | 8,983 6,260 5,000 20,243 158 218 376 | 700 19,066 3,278 500 23,544 | 3,519 600 | 67 395 261,786 208,766 10,006 856,779 242,887 | 4 200 5,370 50 | 89 89 89 2,183 3,018 520 | y from H | 1,00 | 00 00 35 60 |
| | TAIL ALL ALL ALL ALL ALL ALL ALL | 7 (1,095) 205,954 218,923 11,006 202,013 (12,847) 629,766 (10) (ALL) 162 418 5,370 50 6,000 (Poads, Water, e.2,183 3,018 520 125 | 8,983 6,260 5,000 20,243 158 218 376 | 700 19,066 3,278 500 23,544 | 3,519 600 | 67 395 261,786 208,766 10,006 856,779 242,887 | 4 200 5,370 50 | 89 89 2,183 3,018 520 125 | y from H | 1,00 | 00 00 35 60 |
| | Al, Al, Al, This | 7: tito) | 8,983 6,260 5,000 20,243 158 218 376 | 700 19,066 3,278 500 23,544 | 3,519 600 | 67 395 261,786 208,766 10,006 856,779 242,887 | 4 200 5,370 50 | 89 89 89 2,183 3,018 520 | y from H | 1,00 | 00 00 35 60 |
| | TAIL, LAIL TO A LAIL, LA | 105ivo) 67 1095 205,954 218,923 11,006 803,014 612,847 629,766 ID (ALL) 162 418 5,370 50 6,000 Poads, Water, et 2,183 3.018 520 125 5,013 | 8,983 6,260 5,000 20,243 158 218 376 | 700 19,066 3,278 500 23,544 | 3,519 600 4,119 | 67 395 261,786 208,766 10,006 856,779 242,287 1,580,070 | 4 200 5,370 50 5,624 | 2,183 3,018 520 125 5,846 | y from H | 1,00 | 000 |
| | TAIL, LAIL TO A LAIL, LA | 7: tito) | 8,983 6,260 5,000 20,243 158 218 376 | 700 19,066 3,278 500 23,544 | 3,519 600 | 67 395 261,786 208,766 10,006 856,779 242,287 1,580,070 | 4 200 5,370 50 | 89 89 2,183 3,018 520 125 | y from H | 1,00 | 000 |

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1963 ESTIMATES

SUPPLEMENT TO 1960 CONSERVATION NEEDS INVENTORY ALL LAVDS PHILLIPS COUNTY

| PRACTICE NAME | UNITS | ON THE LAND NOW | TOTAL REMAINING TO BE DONE | TOTAL ALL PRACTICES DONE & NEEDED |
|---------------------------------|-------|--------------------|----------------------------|---|
| Irrig. Canal or Lateral | Ft | 1,345,442 | 105,600 | 1,451,042 |
| Cons. Cropping Systems | Ac | 140,000 | 115,000 | 265,000 |
| (Dryland) | | 2.0,000 | 11/1000 | 200,1000 |
| Diversion Dams | No | 202 | 100 | 302 |
| Range-Deferred Grazing | Ac | 290,881 | 250,000 | 540,881 |
| Ditch Bank Seeding | Ft | 50,000 | 422,400 | 472,400 |
| Diversions | Ft | 31,500 | 132,000 | 163,500 |
| Farm Ponds | No | 2,100 | 664 | 2,764 |
| F.S. & Feedlot Windbreaks | Ac | 391 | 400 | 791 |
| Irrigation Field Ditch | Ft | 1,056,000 | 580,800 | 1,636,800 |
| Field Windbreaks | Mi | 17 | 40 | 57 |
| Firebreaks | Fi | 1,000,000 | 1,000,000 | 2,000,000 |
| Fishpond Stocking | No | . 27 | 25 | 52 |
| Grassed Wtwys. or outlet | Ac | 153 | 450 | 603 |
| Hayland Planting | Ac | 18,430 | 7,000 | 25,430 |
| Irrigation Storage Reservoirs | No | 54 | 25 | 69 |
| Sprinkler Irrig. System | No | 6 | 12 | 18 |
| Irrig. Systems, surf & sub-surf | No | 20 | 200 | 220 |
| Land Clearing | Ac | 5,000 | 2,000 | 7,000 |
| Irrig. Land Leveling | Ac | 9,286 | 20,196 | 29,482 |
| Drainage Main or Lateral | Ft | 426,710 | 211,200 | 637,910 |
| Pasture & Hay Renovation | Ac | 7,500 | 25,000 | 32,500 |
| Pasture Planting | Ac | 16,358 | 5,000 | 21,358 |
| Pitting (Range) | Ac | 1,920 | 2,000 | 3,920 |
| Pond Sealing or Lining | No | 9 | 250 | 259 |
| Pasture Proper Use | Ac | 5,561 | 15,000 | 20,561 |
| Range Proper Use | Ac | 1,800,000 | 1,140,000 | 2,940,000 |
| Range Renovation | Ac | 1,400 | 147,000 | 148,400 |
| Range Seeding on Converted Land | Ac | 19,277 | 7,500 | 26,777 |
| Range Re-seeding -1 | Ae | 600 | 3,000 | 3,600 |
| Range Rotation - Def Grazing | Ac | 146,000 | 1,500,000 | 1,646,000 |
| Rotation Grazing | Ac | 1,000 | 2,500 | 3,500 |
| Spoil Bank Spreading | Ft | 1,700,000 | 500,000 | 2,200,000 |
| Spring Development | No | 130 | 70 | 200 |
| Striperopping Contour | Ac | 250 | 3,500 | 3,750 |
| Stripcropping Field | Ac | 17,993 | 14,000 | 31,992 |
| Structures for Water Control | Ac | 3,500 | 3,500 | 7,000 |
| Stubble Mulching | Ac | 80,000 | 150,000 | 230,000 |
| Drainage Field Ditch | Ft | 779,904 | 900,000 | 1,679,904 |
| Stripcropping Wind | Ac | 67,803 | 100,000 | 167,803 |
| Tree Planting | Ac | 1,000 | 5,000 | 6,000 |
| Trough or Tank | No | 300 | 350 | 659 |
| Waterspreading | No | 11,414 | 7,200 | 18,614 |
| Wells | No | 507 | 230 | 737 |

1963 ESTIMATES

SUPPLEMENT TO 1960 CONSERVATION NEEDS INVENTORY ALL LAWDS PHILLIPS COUNTY

| PRACTICE NAME | UNITS | ON THE LAND | TOTAL REMAINING | TOTAL ALL |
|---------------------------------|-------|-------------|-----------------|---------------|
| | | NOW | TO BE DONE | PRACTICES |
| | | | | DONE & NEEDED |
| Irrig. Canal or Lateral | Ft | 1,345,442 | 105,600 | 1,451,042 |
| Cons. Cropping Systems | Ac | 140,000 | 115,000 | 265,000 |
| (Dryland) | AC. | 140,000 | 11),000 | 20),000 |
| Diversion Dams | No | 202 | 100 | 302 |
| Range-Deferred Grazing | Ac | 290,881 | 250,000 | 540,881 |
| Ditch Bank Seeding | Ft | 50,000 | 422,400 | 472,400 |
| Diversions | Ft | 31,500 | 132,000 | 163,500 |
| Farm Ponds | No | 2,100 | 664 | 2,764 |
| F.S. & Feedlot Windbreaks | Ac | 391 | 400 | 791 |
| Irrigation Field Ditch | Ft | 1,056,000 | 580,800 | 1,636,800 |
| Field Windbreaks | Mi | 17 | 40 | 57 |
| Firebreaks | Fi | 1,000,000 | 1,000,000 | 2,000,000 |
| Fishpond Stocking | No | 27 | 25 | 52 |
| Grassed Wtwys. or outlet | Ac | 153 | 450 | 603 |
| Hayland Planting | Ac | 18,430 | 7,000 | 25,430 |
| Irrigation Storage Reservoirs | No | 54 | 25 | 69 |
| Sprinkler Irrig. System | No | 6 | 12 | 18 |
| Irrig. Systems, surf & sub-surf | No | 20 | 200 | 220 |
| Land Clearing | Ac | 5,000 | 2,000 | 7,000 |
| Irrig. Land Leveling | Ac | 9,286 | 20,196 | 29,482 |
| Drainage Main or Lateral | Ft | 426,710 | 211,200 | 637,910 |
| Pasture & Hay Renovation | Ac | 7,500 | 25,000 | 32,500 |
| Pasture Planting | Ac | 16,358 | 5,000 | 21,358 |
| Pitting (Range) | Ac | 1,920 | 2,000 | 3,920 |
| Pond Sealing or Lining | No | -,,9 | 250 | 259 |
| Pasture Proper Use | Ae | 5,561 | 15,000 | 20,561 |
| Range Proper Use | Ac | 1,800,000 | 1,140,000 | 2,940,000 |
| Range Renovation | Ac | 1,400 | 147,000 | 148,400 |
| Range Seeding on Converted Land | Ac | 19,277 | 7,500 | 26,777 |
| Range Re-seeding -1 | Ac | 600 | 3,000 | 3,600 |
| Range Rotation - Def Grazing | Ac | 146,000 | 1,500,000 | 1,646,000 |
| Rotation Grazing | Ac | 1,000 | 2,500 | 3,500 |
| Spoil Bank Spreading | Ft | 1,700,000 | 500,000 | 2,200,000 |
| Spring Development | No | 130 | 70 | 200 |
| Stripcropping Contour | Ac | 250 | 3,500 | 3,750 |
| Stripcropping Field | Ac | 17,993 | 14,000 | 31,992 |
| Structures for Water Control | Ac | 3,500 | 3,500 | 7,000 |
| Stubble Mulching | Ac | 80,000 | 150,000 | 230,000 |
| Drainage Field Ditch | Ft | 779,904 | 900,000 | 1,679,904 |
| Stripcropping Wind | Ac | 67,803 | 100,000 | 167,803 |
| Tree Planting | Ac | 1,000 | 5,000 | 6,000 |
| Trough or Tank | No | 300 | 350 | 650 |
| Waterspreading | No | 11,414 | 7,200 | 18,614 |
| Wells | No | 507 | 230 | 737 |
| | | | -2- | |

